

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	141B1 3 04/30/92	141B2 3 04/30/92	141B3 3 04/30/92	141B4 3 04/30/92
Metals														
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	0.59	<0.44	1.2	1.4	4.3 [5.2]	3.9 [5.2]	1.1	<0.49	0.65	1.7
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	<93	<93	<40	57	32 [30]	38 [30]	<100	<110	<99	120
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<2.3	<2.3	<0.99	<0.49	<0.5 [<0.46]	<0.51 [<0.46]	<2.5	<2.7	<2.5	<2.7
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<23	<23	<9.9	<4.9	5.1 [6]	6.6 [6]	<25	<27	<25	<27
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.09 [<0.09]	<0.1 [<0.09]	<0.1	<0.07	<0.1	<0.09
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<0.44	<0.44	<0.47	<0.46	<0.52 [<0.57]	<0.61 [<0.57]	<0.45	<0.49	<0.45	<0.48
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<4.6	<4.7	<2	<0.98	<0.99 [<0.92]	<1 [<0.92]	<5	<5.4	<5	<5.4
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--	--	--	--	--
Other														
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls														
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
Pesticides/Herbicides														
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--	<0.067	<0.067	<0.067	<0.067
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--	<0.034	<0.034	<0.034	<0.034
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	<0.0067	<0.0067	<0.0067	<0.0067
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.0034	<0.0034	<0.0034	<0.0034
Semivolatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	--	--	--	--	--	--	--	--	--	--

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SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	141B1 3 04/30/92	141B2 3 04/30/92	141B3 3 04/30/92	141B4 3 04/30/92
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<2	<2	<2	<2	<2 [<lt;2]< td=""><td><2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<></td></lt;2]<>	<2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<>	<2	<2	<2	<2
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3	<0.3
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<2	<2	<2	<2	<2 [<lt;1.7]< td=""><td><2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<></td></lt;1.7]<>	<2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<>	<2	<2	<2	<2
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7 [<lt;0.7]< td=""><td><0.7 [<lt;0.7]< td=""><td><0.7</td><td><0.7</td><td><0.7</td><td><0.7</td></lt;0.7]<></td></lt;0.7]<>	<0.7 [<lt;0.7]< td=""><td><0.7</td><td><0.7</td><td><0.7</td><td><0.7</td></lt;0.7]<>	<0.7	<0.7	<0.7	<0.7
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7 [<lt;0.7]< td=""><td><0.7 [<lt;0.7]< td=""><td><0.7</td><td><0.7</td><td><0.7</td><td><0.7</td></lt;0.7]<></td></lt;0.7]<>	<0.7 [<lt;0.7]< td=""><td><0.7</td><td><0.7</td><td><0.7</td><td><0.7</td></lt;0.7]<>	<0.7	<0.7	<0.7	<0.7
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<2	<2	<2	<2	<2 [<lt;2]< td=""><td><2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<></td></lt;2]<>	<2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<>	<2	<2	<2	<2
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Acenaphthylene	208-96-8	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3	<0.3
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7 [<lt;1.7]< td=""><td><1.7 [<lt;1.7]< td=""><td><1.7</td><td><1.7</td><td><1.7</td><td><1.7</td></lt;1.7]<></td></lt;1.7]<>	<1.7 [<lt;1.7]< td=""><td><1.7</td><td><1.7</td><td><1.7</td><td><1.7</td></lt;1.7]<>	<1.7	<1.7	<1.7	<1.7
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<2	<2	<2	<2	<2 [<lt;2]< td=""><td><2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<></td></lt;2]<>	<2 [<lt;2]< td=""><td><2</td><td><2</td><td><2</td><td><2</td></lt;2]<>	<2	<2	<2	<2
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<lt;0.3]< td=""><td><0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<></td></lt;0.3]<>	<0.3 [<lt;0.3]< td=""><td><0.3</td><td><0.3</td><td><0.3</td><td><0.3</td></lt;0.3]<>	<0.3	<0.3	<0.3	<0.3
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	141B1 3 04/30/92	141B2 3 04/30/92	141B3 3 04/30/92	141B4 3 04/30/92
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.33 [<0.33]	<0.33	<0.33	<0.33	<0.33
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<2	<2	<2	<2	<2 [<2]	<2 [<2]	<2	<2	<2	<2
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3 [<0.3]	<0.3 [<0.3]	<0.3	<0.3	<0.3	<0.3
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons														
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	<13	<13	<11	<12	<13 [<13]	<12	<10	<10	<10	<10
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-11 10 04/17/92	HMW-11 15 04/17/92	HMW-11 20 04/17/92	HMW-11 25 04/19/92	HMW-11 30 04/19/92	HMW-11 37 04/19/92	141B1 3 04/30/92	141B2 3 04/30/92	141B3 3 04/30/92	141B4 3 04/30/92
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2 [<0.2]	<0.2	<0.2	<0.2	<0.2
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1	<0.1
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Ethanol	64-17-5	--	--	mg/kg	<1	<1	<1	<1	<1	<1 [<1]	<1	<1	<1	<1
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Iodomethane	74-88-4	--	--	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.02	<0.02	<0.02	<0.02
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	--	--	--	--	--	--	--	--	--	--
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.005	<0.005	<0.005	<0.005

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B5 3 04/30/92	141BG1 2 04/30/92	141B6 3 05/01/92	141B7 3 05/01/92	141B8 3 05/01/92	141B9 3 05/01/92	141B10 5 05/01/92	141B11 5 05/01/92	141B12 3 05/01/92	141B13 4 05/01/92
Metals														
Arsenic	7440-38-2	3.9 (NMED ResSoil09)	0.131	mg/kg	<0.49	0.54	<0.49	1.7	1.7	1.9	<0.56	<0.42	1.8	0.75
Barium	7440-39-3	15,600 (NMED ResSoil09)	3,010	mg/kg	<97	<92	<110	96	92	140	<100	<93	<88	<110
Cadmium	7440-43-9	77.9 (NMED ResSoil09)	13.7	mg/kg	<2.4	<2.3	<2.6	<1.1	<0.95	<1.1	<2.6	<2.3	<2.2	<2.7
Chromium	7440-47-3	219 (NMED ResSoil09)	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chromium (Hexavalent)	Cr6	219 (NMED ResSoil09)	21.1	mg/kg	--	--	--	--	--	--	--	--	--	--
Copper	7440-50-8	3,130 (NMED ResSoil09)	515	mg/kg	--	--	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 (NMED ResSoil09)	--	mg/kg	<24	<23	<26	<11	<9.5	<11	<26	<23	<22	<27
Mercury	7439-97-6	7.71 (NMED ResSoil09)	0.293	mg/kg	<0.1	<0.1	<0.09	<0.1	<0.1	<0.09	<0.1	<0.1	<0.07	<0.1
Selenium	7782-49-2	391 (NMED ResSoil09)	9.65	mg/kg	<0.49	<0.5	<0.49	<0.56	<0.56	<0.6	<0.56	<0.42	<0.005	<0.55
Silver	7440-22-4	391 (NMED ResSoil09)	15.7	mg/kg	<4.9	<4.6	<5.3	<2.1	<1.9	<2.1	<5.2	<4.6	<4.4	<5.3
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 (NMED ResSoil09)	6,820	mg/kg	--	--	--	--	--	--	--	--	--	--
Other														
Ethylene Glycol	107-21-1	120,000 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls														
Aroclor 1221	11104-28-2	1.76 (NMED ResSoil09)	0.0107	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor 1232	11141-16-5	1.76 (NMED ResSoil09)	0.0107	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor 1242	53469-21-9	2.22 (NMED ResSoil09)	0.226	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor 1254	11097-69-1	1.12 (NMED ResSoil09)	0.382	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor 1260	11096-82-5	2.22 (NMED ResSoil09)	1.04	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor-1016	12674-11-2	3.93 (NMED ResSoil09)	1.04	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Aroclor-1248	12672-29-6	2.22 (NMED ResSoil09)	0.222	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
Pesticides/Herbicides														
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 (EPA ResSoil09)	--	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 (NMED ResSoil09)	6.41	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 (NMED ResSoil09)	4.52	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 (NMED ResSoil09)	6.53	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
Aldrin	309-00-2	0.284 (NMED ResSoil09)	0.0621	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 (NMED ResSoil09)	0.00559	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 (NMED ResSoil09)	0.0196	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Camphechlor (Toxaphene)	8001-35-2	4.42 (NMED ResSoil09)	0.911	mg/kg	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Chlordane	57-74-9	16.2 (NMED ResSoil09)	2.5	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Dieldrin	60-57-1	0.304 (NMED ResSoil09)	0.00675	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
Endosulfan I	959-98-8	--	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Endosulfan II	33213-65-9	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
Endrin	72-20-8	18.3 (NMED ResSoil09)	1.76	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
Endrin Aldehyde	7421-93-4	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 (NMED ResSoil09)	0.032	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Heptachlor	76-44-8	1.08 (NMED ResSoil09)	0.118	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Heptachlor Epoxide	1024-57-3	0.53 (EPA ResSoil09)	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034
Semivolatile Organic Compounds														
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 (NMED ResSoil09)	0.214	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 (NMED ResSoil09)	0.102	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 (NMED ResSoil09)	326	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Dichlorobenzene	95-50-1	3,010 (NMED ResSoil09)	3.13	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1,2-Diphenylhydrazine	122-66-7	6.08 (NMED ResSoil09)	0.0453	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 (NMED ResSoil09)	0.0357	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	90-12-0	220 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 (NMED ResSoil09)	71.3	mg/kg	--	--	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B5 3 04/30/92	141BG1 2 04/30/92	141B6 3 05/01/92	141B7 3 05/01/92	141B8 3 05/01/92	141B9 3 05/01/92	141B10 5 05/01/92	141B11 5 05/01/92	141B12 3 05/01/92	141B13 4 05/01/92
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7	<0.7
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Acenaphthylene	208-96-8	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.3	<0.3	<0.3	<0.3	0.4	<0.3	<0.3	<0.3	<0.3	<0.3
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B5 3 04/30/92	141BG1 2 04/30/92	141B6 3 05/01/92	141B7 3 05/01/92	141B8 3 05/01/92	141B9 3 05/01/92	141B10 5 05/01/92	141B11 5 05/01/92	141B12 3 05/01/92	141B13 4 05/01/92
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons														
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds														
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B5 3 04/30/92	141BG1 2 04/30/92	141B6 3 05/01/92	141B7 3 05/01/92	141B8 3 05/01/92	141B9 3 05/01/92	141B10 5 05/01/92	141B11 5 05/01/92	141B12 3 05/01/92	141B13 4 05/01/92
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	0.72	0.19	0.42	<0.1	<0.1	0.19	0.17
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	--	--	--	--	--	--	--	--	--	--
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethanol	64-17-5	--	--	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Iodomethane	74-88-4	--	--	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	--	--	--	--	--	--	--	--	--	--
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B14 7 05/01/92	HMW-43 1 11/17/93	HMW-43 3 11/17/93	HMW-43 9 11/17/93	HMW-43 18 11/17/93	HMW-43 38 11/17/93	HMW-43 59 11/22/93	SWMU 148 SB-01 1 11/29/93
Metals												
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	0.96	8.56	9.64	5.48	11.6	2.97	8.83	3.74
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	<93	73	179	72	104	67.1	104	97.8
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<2.3	<1.12	<1.14	<1.28	<1.33	<1.18	<1.28	<5.97
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	--	6.4	19.3	<1.28	16	<6.83 J	9.15	<29.8
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	--	--	--	<6.41	--	--	--	<1.19
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<23	<2.8	14.7	<1.28	9.99	6.35	12.8	8.17
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.1	0.0258	<0.0227	0.0386	<0.0267	<0.0236	<0.0258	<0.0239
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<0.49	<2.8	<2.83	<3.21	<3.33	<2.94	<3.22	<2.98
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<4.6	10.8	8.84	16.7	17.3	13	<6.41	<29.8
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--	--	--
Other												
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls												
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.034	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.034	--	--	--	--	--	--	--
Pesticides/Herbicides												
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.034	--	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.0067	--	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.0067	--	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.0067	--	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.0034	--	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.0034	--	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.0034	--	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.067	--	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.034	--	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	<0.0034	--	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.0067	--	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	<0.0034	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	<0.0067	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.0067	--	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.0067	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	<0.0067	--	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.0034	--	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.0034	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0034	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.3	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.3	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B14 7 05/01/92	HMW-43 1 11/17/93	HMW-43 3 11/17/93	HMW-43 9 11/17/93	HMW-43 18 11/17/93	HMW-43 38 11/17/93	HMW-43 59 11/22/93	SWMU 148 SB-01 1 11/29/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<2	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<2	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	--	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.7	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	--	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.7	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
4-Nitrophenol	100-02-7	--	--	mg/kg	<2	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Acenaphthylene	208-96-8	--	--	mg/kg	<0.3	--	--	--	--	--	--	<0.394
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.7	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<2	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Bis(2-Chloroisopropyl) Ether	39638-32-9	--	0.0256	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	<1.11925	<1.13135	<1.2826	<1.331	<1.176725	<1.285625	<1.19185
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B14 7 05/01/92	HMW-43 1 11/17/93	HMW-43 3 11/17/93	HMW-43 9 11/17/93	HMW-43 18 11/17/93	HMW-43 38 11/17/93	HMW-43 59 11/22/93	SWMU 148 SB-01 1 11/29/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.3	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.33	--	--	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<2	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	<1.7945	<1.8139	<2.0564	<2.134	<1.88665	<2.06125	<1.9109
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.3	<0.37	<0.374	<0.424	<0.44	<0.389	<0.425	<0.394
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons												
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	<10	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	<33.5775	<33.9405	<38.478	<39.93	<35.30175	<38.56875	<35.7555
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.02	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.02	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.1	<0.02244	<0.0452	<0.02572	<0.02668	<0.02356	<0.02576	<0.02388 J
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	141B14 7 05/01/92	HMW-43 1 11/17/93	HMW-43 3 11/17/93	HMW-43 9 11/17/93	HMW-43 18 11/17/93	HMW-43 38 11/17/93	HMW-43 59 11/22/93	SWMU 148 SB-01 1 11/29/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.02244	<0.0452	<0.02572	<0.02668	<0.02356	<0.02576	<0.02388 J
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.02244	<0.0452	<0.02572	<0.02668	<0.02356	<0.02576	<0.02388 J
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.2	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.1	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	--	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.005	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.02	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	--	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.02	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.005	--	--	--	--	--	--	<0.00597
Ethanol	64-17-5	--	--	mg/kg	<1	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.02	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Iodomethane	74-88-4	--	--	mg/kg	<0.02	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.02244	<0.0452	<0.02572	<0.02668	<0.02356	<0.02576	<0.02388 J
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	--	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	0.0403	<0.00597 J
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.01	<0.02244	<0.0452	<0.02572	<0.02668	<0.02356	<0.02576	<0.02388 J
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01122	<0.0226	<0.01286	<0.01334	<0.01178	<0.01288	<0.01194 J
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.005	<0.00561	<0.0113	<0.00643	<0.00667	<0.00589	<0.00644	<0.00597 J

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-01 4 11/29/93	SWMU 148 SB-01 8 11/29/93	SWMU 148 SB-02 2 11/29/93	SWMU 148 SB-02 4 11/29/93	SWMU 148 SB-02 8 11/29/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	3.19	<3.33	4.86	<3.2	<3.35
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	37	70.6	108	74.3	89.7
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.38	<6.66	<5.94	<6.4	<6.69
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<31.9	<33.3	<29.7	<32	<33.5
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.28	<1.33	<1.19	<1.28	<1.34
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<3.19	<3.33	6.84	<3.2	<3.35
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0255	<0.0266	<0.0238	<0.0256	<0.0268
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.19	<3.33	<2.97	<3.2	<3.35
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<31.9	74.6	<29.7	38.4	40.2
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--
Other									
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--
Camphchlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Semivolatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<2.04185 [<1.99]	<2.12915	<1.9012	<2.0467	<2.1437
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-01 4 11/29/93	SWMU 148 SB-01 8 11/29/93	SWMU 148 SB-02 2 11/29/93	SWMU 148 SB-02 4 11/29/93	SWMU 148 SB-02 8 11/29/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
4-Nitrophenol	100-02-7	--	--	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Acenaphthylene	208-96-8	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<2.04185 [<i><1.99</i>]	<2.12915	<1.9012	<2.0467	<2.1437
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	0.592
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.421 [<i><0.41</i>]	<0.439	<0.392	<0.422	<0.442
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.273525 [<i><1.24</i>]	<1.327975	<1.1858	<1.27655	<1.33705
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-01 4 11/29/93	SWMU 148 SB-01 8 11/29/93	SWMU 148 SB-02 2 11/29/93	SWMU 148 SB-02 4 11/29/93	SWMU 148 SB-02 8 11/29/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.421 [<0.00621]	<0.439	<0.392	<0.422	<0.442
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<2.04185 [<1.99]	<2.12915	<1.9012	<2.0467	<2.1437
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<2.04185 [<1.99]	<2.12915	<1.9012	<2.0467	<2.1437
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.421 [<0.41]	<0.439	<0.392	<0.422	<0.442
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Total Petroleum Hydrocarbons									
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<38.20575	<39.83925	<35.574	<38.2965	<40.1115
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02552 [<0.0248]	<0.02664	<0.02376	<0.0256	<0.02676
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-01 4 11/29/93	SWMU 148 SB-01 8 11/29/93	SWMU 148 SB-02 2 11/29/93	SWMU 148 SB-02 4 11/29/93	SWMU 148 SB-02 8 11/29/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02552 [<0.0248]	<0.02664	<0.02376	<0.0256	<0.02676
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02552 [<0.0248]	<0.02664	<0.02376	<0.0256	<0.02676
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01276 [<0.00621]	<0.01332	<0.01188	<0.0128	<0.01338
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Iodomethane	74-88-4	--	--	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02552 [<0.0248]	<0.02664	<0.02376	<0.0256	<0.02676
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00638	<0.00666	<0.00594	<0.0064	<0.00669
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02552 [<0.0248]	<0.02664	<0.02376	<0.0256	<0.02676
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01276 [<0.0124]	<0.01332	<0.01188	<0.0128	<0.01338
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00638 [<0.00621]	<0.00666	<0.00594	<0.0064	<0.00669

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-03 1 11/29/93	SWMU 148 SB-03 4 11/29/93	SWMU 148 SB-03 8 11/29/93	SWMU 148 SB-04 1 11/29/93	SWMU 148 SB-04 4 11/29/93	SWMU 148 SB-04 9 11/29/93
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	3.51	3.42	<3.34	<3.1	--	<3.46
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	97.8	102	77.4	94.4	--	111
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<3.06	<6.08	<6.68	<6.21	--	<3.46
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<15.3	<30.4	<33.4	<31	--	<17.3
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.22	<1.22	<1.34	<1.24 J	--	<1.38
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	6	<3.04	<3.34	4.3	--	<3.46
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0244	<0.0243	<0.0267	<0.0248	--	<0.0277
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.06	<3.04	<3.34	<3.1	--	<3.46
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<15.3	35.3	74.8	48.4	--	<17.3
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.403	<0.401 [<i><0.426</i>]	<0.44	<0.41	<0.416	<0.457
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.403	<0.401 [<i><0.426</i>]	<0.44	<0.41	<0.416	<0.457
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00611	<0.00611 [<i><0.00646</i>]	<0.00668	<0.00621	<0.0063	<0.00692
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.95455	<1.94485 [<i><2.07</i>]	<2.134	<1.9885	<2.0176	<2.21645
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00611	<0.00611 [<i><0.00646</i>]	<0.00668	<0.00621	<0.0063	<0.00692
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.403	<0.401 [<i><0.426</i>]	<0.44	<0.41	<0.416	<0.457
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.403	<0.401 [<i><0.426</i>]	<0.44	<0.41	<0.416	<0.457

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-03 1 11/29/93	SWMU 148 SB-03 4 11/29/93	SWMU 148 SB-03 8 11/29/93	SWMU 148 SB-04 1 11/29/93	SWMU 148 SB-04 4 11/29/93	SWMU 148 SB-04 9 11/29/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Acenaphthylene	208-96-8	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Bis(2-Chloroisopropyl) Ether	39638-32-9	--	0.0256	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.219075	<1.213025 [<1.29]	<1.331	<1.24025	<1.2584	<1.382425
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-03 1 11/29/93	SWMU 148 SB-03 4 11/29/93	SWMU 148 SB-03 8 11/29/93	SWMU 148 SB-04 1 11/29/93	SWMU 148 SB-04 4 11/29/93	SWMU 148 SB-04 9 11/29/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 (NMED ResSoil09)	1,550	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Fluorene	86-73-7	2,290 (NMED ResSoil09)	250	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Hexachloro-1,3-Butadiene	87-68-3	61.1 (NMED ResSoil09)	0.147	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Hexachlorobenzene	118-74-1	3.04 (NMED ResSoil09)	0.0221	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Hexachlorocyclopentadiene	77-47-4	367 (NMED ResSoil09)	6.13	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Hexachloroethane	67-72-1	61.1 (NMED ResSoil09)	0.193	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 (NMED ResSoil09)	37	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 (NMED ResSoil09)	0.000304	mg/kg	--	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--
Naphthalene	91-20-3	45 (NMED ResSoil09)	0.0419	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Nitrobenzene	98-95-3	49.4 (NMED ResSoil09)	0.0686	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
N-Nitrosodi-N-Butylamine	924-16-3	0.726 (NMED ResSoil09)	0.000648	mg/kg	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 (EPA ResSoil09)	--	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
N-Nitrosodiphenylamine	86-30-6	993 (NMED ResSoil09)	12.9	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 (EPA ResSoil09)	--	mg/kg	<0.403	<0.401 [<0.00646]	<0.44	<0.41	<0.416	<0.457
Pentachlorobenzene	608-93-5	48.9 (NMED ResSoil09)	0.937	mg/kg	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 (NMED ResSoil09)	0.294	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 (NMED ResSoil09)	834	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Phenol	108-95-2	18,300 (NMED ResSoil09)	63	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
p-Nitroaniline	100-01-6	240 (EPA ResSoil09)	--	mg/kg	<1.95455	<1.94485 [<2.07]	<2.134	<1.9885	<2.0176	<2.21645
Propylamide (Kerb)	23950-58-5	4,600 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
Pyrene	129-00-0	1,720 (NMED ResSoil09)	1,120	mg/kg	<0.403	<0.401 [<0.426]	<0.44	<0.41	<0.416	<0.457
Pyridine	110-86-1	78 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.57225	<36.39075	<39.93	<37.2075	<37.752	<41.47275
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 (NMED ResSoil09)	0.0173	mg/kg	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 (NMED ResSoil09)	29.8	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,1,2,2-Tetrachloroethane	79-34-5	7.98 (NMED ResSoil09)	0.00225	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,1,2-Trichloroethane	79-00-5	17.2 (NMED ResSoil09)	0.00674	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,1-Dichloroethane	75-34-3	62.9 (NMED ResSoil09)	0.0609	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,1-Dichloroethylene	75-35-4	618 (NMED ResSoil09)	1.19	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 (NMED ResSoil09)	0.000356	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,2,4-Trimethylbenzene	95-63-6	62 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 (NMED ResSoil09)	0.0000297	mg/kg	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 (NMED ResSoil09)	0.000158	mg/kg	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 (NMED ResSoil09)	0.00365	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,2-Dichloropropane	78-87-5	14.7 (NMED ResSoil09)	0.0111	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
1,3,5-Trimethylbenzene	108-67-8	780 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 (EPA ResSoil09)	0.0111	mg/kg	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 (NMED ResSoil09)	0.0000817	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
1,4-Dioxane	123-91-1	442 (NMED ResSoil09)	0.107	mg/kg	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 (NMED ResSoil09)	12.7	mg/kg	<0.02444	<0.02444 [<0.0258]	<0.02672	<0.02484	<0.0252	<0.02768
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
2-Chlorotoluene	95-49-8	1,560 (NMED ResSoil09)	6.24	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-03 1 11/29/93	SWMU 148 SB-03 4 11/29/93	SWMU 148 SB-03 8 11/29/93	SWMU 148 SB-04 1 11/29/93	SWMU 148 SB-04 4 11/29/93	SWMU 148 SB-04 9 11/29/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02444	<0.02444 [<0.0258]	<0.02672	<0.02484	<0.0252	<0.02768
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02444	<0.02444 [<0.0258]	<0.02672	<0.02484	<0.0252	<0.02768
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01222	<0.01222 [<0.00646]	<0.01336	<0.01242	<0.0126	<0.01384
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00611	<0.00608 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Iodomethane	74-88-4	--	--	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02444	<0.02444 [<0.0258]	<0.02672	<0.02484	<0.0252	<0.02768
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00611	<0.00611	<0.00668	<0.00621	<0.0063	<0.00692
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02444	<0.02444 [<0.0258]	<0.02672	<0.02484	<0.0252	<0.02768
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01222	<0.01222 [<0.0129]	<0.01336	<0.01242	<0.0126	<0.01384
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00611	<0.00611 [<0.00646]	<0.00668	<0.00621	<0.0063	<0.00692

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-05 1 11/29/93	SWMU 148 SB-05 4 11/29/93	SWMU 148 SB-05 9 11/29/93	SWMU 148 SB-06 1 11/29/93	SWMU 148 SB-06 4 11/29/93	SWMU 148 SB-06 9 11/29/93
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<2.96	<3.2	<3.41	3.57	3.38	<3.43
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	72.2	55.1	95.5	112	97.2	92
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<2.96	<12.8	<6.82	<6.22	<5.92	<6.87
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<14.8	<32.1	<34.1	<31.1	<29.6	<34.3
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.18	<1.28	<1.36	<1.24	<1.18	<1.37
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	6.12	3.92	<3.41	6.3	5.44	4.48
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0237	<0.0256	<0.0273	<0.0249	<0.0237	<0.0275
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<2.96	<3.2	<3.41	<3.11	<2.96	<3.43
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<14.8	<32.1	46.4	54.7	<29.6 J	<34.3
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-05	SWMU 148 SB-05	SWMU 148 SB-05	SWMU 148 SB-06	SWMU 148 SB-06	SWMU 148 SB-06
					1 11/29/93	4 11/29/93	9 11/29/93	1 11/29/93	4 11/29/93	9 11/29/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Acenaphthylene	208-96-8	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.17975	<1.279575	<1.36125	<1.24025 [<1.15]	<1.182775	<1.370325
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-05 1 11/29/93	SWMU 148 SB-05 4 11/29/93	SWMU 148 SB-05 9 11/29/93	SWMU 148 SB-06 1 11/29/93	SWMU 148 SB-06 4 11/29/93	SWMU 148 SB-06 9 11/29/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.00577]	<0.391	<0.453
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.8915	<2.05155	<2.1825	<1.9885 [<1.84]	<1.89635	<2.19705
Propyzamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.39	<0.423	<0.45	<0.41 [<0.381]	<0.391	<0.453
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<35.3925	<38.38725	<40.8375	<37.2075	<35.48325	<41.10975
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00592	<0.00641	<0.009	<0.00672 J [<0.00577]	<0.00758	<0.00755
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02368	<0.02564	<0.036	<0.03384 [<0.0231]	<0.03032	<0.0302
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-05 1 11/29/93	SWMU 148 SB-05 4 11/29/93	SWMU 148 SB-05 9 11/29/93	SWMU 148 SB-06 1 11/29/93	SWMU 148 SB-06 4 11/29/93	SWMU 148 SB-06 9 11/29/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02368	<0.02564	<0.036	<0.03384 [<0.0231]	<0.03032	<0.0302
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02368	<0.02564	<0.036	<0.03384 [<0.0231]	<0.03032	<0.0302
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.00577]	<0.01516	<0.0151
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00592	<0.00641	0.009 B	0.00846 B [0.0083 B]	0.00758 B	0.00755 B
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Iodomethane	74-88-4	--	--	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02368	<0.02564	<0.036	<0.03384 [<0.0231]	<0.03032	<0.0302
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00592	<0.00641	<0.009	<0.00846	<0.00758	<0.00755
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02368	<0.02564	<0.036	<0.03384 [<0.0231]	<0.03032	<0.0302
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01184	<0.01282	<0.018	<0.01692 [<0.0115]	<0.01516	<0.0151
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00592	<0.00641	<0.009	<0.00846 [<0.00577]	<0.00758	<0.00755

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-07 1 11/29/93	SWMU 148 SB-07 4 11/29/93	SWMU 148 SB-07 9 11/29/93	SWMU 148 SB-08 1 11/29/93	SWMU 148 SB-08 4 11/29/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<3.12	3.46	<3.47	<2.96	<3.27
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	47.4	70.5	94.3	85.4	45.8
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.23	<6.08	<6.93	<5.93	<6.54
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<31.2	<30.4	<34.7	<29.6	<32.7
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.25	<1.22 J	<1.39	<1.19	<1.31
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	3.65	6.63	4.2	5.22	<3.27
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	0.0474	<0.0243	<0.0277	<0.0237	<0.0261
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.12	<3.04	<3.47	<2.96	<3.27
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<31.2	<30.4	<34.7	72.4	<32.7
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--
Other									
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--
Campechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Semivolatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-07 1 11/29/93	SWMU 148 SB-07 4 11/29/93	SWMU 148 SB-07 9 11/29/93	SWMU 148 SB-08 1 11/29/93	SWMU 148 SB-08 4 11/29/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Acenaphthylene	208-96-8	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.243275	<1.213025	<1.38545	<1.182775	<1.303775
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-07 1 11/29/93	SWMU 148 SB-07 4 11/29/93	SWMU 148 SB-07 9 11/29/93	SWMU 148 SB-08 1 11/29/93	SWMU 148 SB-08 4 11/29/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.99335	<1.94485	<2.2213	<1.89635	<2.09035
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.411	<0.401	<0.458	<0.391	<0.431
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Total Petroleum Hydrocarbons									
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<37.29825	<36.39075	<41.5635	<35.48325	<39.11325
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02492	<0.02432	<0.02772	<0.02372	<0.02616
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-07 1 11/29/93	SWMU 148 SB-07 4 11/29/93	SWMU 148 SB-07 9 11/29/93	SWMU 148 SB-08 1 11/29/93	SWMU 148 SB-08 4 11/29/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02492	<0.02432	<0.02772	<0.02372	<0.02616
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02492	<0.02432	<0.02772	<0.02372	<0.02616
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Iodomethane	74-88-4	--	--	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02492	<0.02432	<0.02772	<0.02372	<0.02616
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02492	<0.02432	<0.02772	<0.02372	<0.02616
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01246	<0.01216	<0.01386	<0.01186	<0.01308
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00623	<0.00608	<0.00693	<0.00593	<0.00654

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-08 9 11/29/93	SWMU 148 SB-09 1 11/29/93	SWMU 148 SB-09 4 11/29/93	SWMU 148 SB-09 9 11/29/93	0143SB04 0 11/30/93	0143SB04 4 11/30/93
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<3.36	2.92	<3.33	<3.33	--	--
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	68.4	73.5	36	62.7	--	--
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.71	<5.83	<6.67	<6.67	--	--
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<33.6	<29.2	<33.3	<33.3	<5.97	<6.44
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.34	<1.17	<1.33	<1.33	<1.19	<1.29
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<3.36	3.87	<3.33	<3.33	--	--
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0268	<0.0233	<0.0267	<0.0267	--	--
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.36	<2.92	<3.33	<3.33	--	--
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<33.6	<29.2	<33.3	<33.3	--	--
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-08 9 11/29/93	SWMU 148 SB-09 1 11/29/93	SWMU 148 SB-09 4 11/29/93	SWMU 148 SB-09 9 11/29/93	0143SB04 0 11/30/93	0143SB04 4 11/30/93
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Acenaphthylene	208-96-8	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Bis(2-Chloroisopropyl) Ether	39638-32-9	--	0.0256	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.340075	<1.164625	<1.331	<1.331	--	--
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-08 9 11/29/93	SWMU 148 SB-09 1 11/29/93	SWMU 148 SB-09 4 11/29/93	SWMU 148 SB-09 9 11/29/93	0143SB04 0 11/30/93	0143SB04 4 11/30/93
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<2.14855	<1.86725	<2.134	<2.134	--	--
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.443	<0.385	<0.44	<0.44	--	--
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<40.20225	<34.93875	<39.93	<39.93	--	--
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	--	--	--	--	--	--
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02684	<0.02332	<0.02332	<0.02668	--	--
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 148 SB-08 9 11/29/93	SWMU 148 SB-09 1 11/29/93	SWMU 148 SB-09 4 11/29/93	SWMU 148 SB-09 9 11/29/93	0143SB04 0 11/30/93	0143SB04 4 11/30/93
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02684	<0.02332	<0.02332	<0.02668	--	--
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	0.0374	<0.02332	<0.02332	<0.02668	--	--
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00671	<0.00583	<0.00667	<0.00667	--	--
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Iodomethane	74-88-4	--	--	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02684	<0.02332	<0.02332	<0.02668	--	--
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02684	<0.02332	<0.02332	<0.02668	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01342	<0.01166	<0.01166	<0.01334	--	--
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00671	<0.00583	<0.00583	<0.00667	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	0143SB04 9 11/30/93	0143SB05 1 11/30/93	0143SB05 4 11/30/93	0143SB05 9 11/30/93	0143SB06 1 11/30/93	0143SB06 4 11/30/93	0143SB06 9 11/30/93	HLSF-SB-025 10 - 11 11/03/06
Metals												
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	--	--	--	--	--	--	--	<2
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	--	--	--	--	--	--	--	31.8
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	--	--	--	--	--	--	--	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<6.51	<6.26	<16.1	<16.3	<13.5	<15.3	<6.56	2.61
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<1.3	<1.25	<1.29	<1.3	<1.08	<1.22	<1.31	<5
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--	--	1.5
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	2.3
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	--	--	--	--	--	--	--	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	--	--	--	--	--	--	--	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	--	--	--	--	--	--	--	<0.05
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--	--	1,760
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--	--	4.07
Other												
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<25
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--	--	5.19
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--	--	15.4
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--	--	47
Polychlorinated Biphenyls												
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--	--	--
Pesticides/Herbicides												
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--	--	--
Campechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--	--	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	--	--	--	--	--	--	--	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	--	--	--	--	--	--	--	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	--	--	--	--	--	--	--	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	--	--	--	--	--	--	--	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	--	--	--	--	--	--	--	<0.25

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2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	--	--	--	--	--	--	--	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	--	--	--	--	--	--	--	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	--	--	--	--	--	--	--	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	--	--	--	--	--	--	--	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	--	--	--	--	--	--	--	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	--	--	--	--	--	--	--	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	--	--	--	--	--	--	--	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	--	--	--	--	--	--	--	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	--	--	--	--	--	--	--	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	--	--	--	--	--	--	--	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	--	--	--	--	--	--	--	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	--	--	--	--	--	--	--	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--	--	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	--	--	--	--	--	--	--	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	--	--	--	--	--	--	--	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	--	--	--	--	--	--	--	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	--	--	--	--	--	--	--	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	--	--	--	--	--	--	--	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	--	--	--	--	--	--	--	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	--	--	--	--	--	--	--	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	--	--	--	--	--	--	--	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	--	--	--	--	--	--	--	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	--	--	--	--	--	--	--	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	--	--	--	--	--	--	--	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	--	--	--	--	--	--	--	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	--	--	--	--	--	--	--	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--	--	<0.25

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Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	--	--	--	--	--	--	--	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	--	--	--	--	--	--	--	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	--	--	--	--	--	--	--	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	--	--	--	--	--	--	--	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	--	--	--	--	--	--	--	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	--	--	--	--	--	--	--	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	--	--	--	--	--	--	--	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.000304	mg/kg	--	--	--	--	--	--	--	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	--	--	--	--	--	--	--	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	--	--	--	--	--	--	--	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--	--	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--	--	<0.25
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	--	--	--	--	--	--	--	<0.25
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--	--	<0.25
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	--	--	--	--	--	--	--	<0.25
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	--	--	--	--	--	--	--	<0.25
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	--	--	--	--	--	--	--	<0.25
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.25
Total Petroleum Hydrocarbons												
Diesel Range Organics	DRO	--	--	mg/kg	--	--	--	--	--	--	--	<50
Gasoline Range Organics	GRO	--	--	mg/kg	--	--	--	--	--	--	--	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	73
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--	--
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	--	--	--	--	--	--	--	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	--	--	--	--	--	--	--	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	--	--	--	--	--	--	--	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	--	--	--	--	--	--	--	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	--	--	--	--	--	--	--	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	--	--	--	--	--	--	--	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	--	--	--	--	--	--	--	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.000297	mg/kg	--	--	--	--	--	--	--	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	--	--	--	--	--	--	--	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	--	--	--	--	--	--	--	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--	--	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	--	--	--	--	--	--	--	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	--	--	--	--	--	--	--	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	--	--	--	--	--	--	--	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	0143SB04 9 11/30/93	0143SB05 1 11/30/93	0143SB05 4 11/30/93	0143SB05 9 11/30/93	0143SB06 1 11/30/93	0143SB06 4 11/30/93	0143SB06 9 11/30/93	HLSF-SB-025 10 - 11 11/03/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	--	--	--	--	--	--	--	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	--	--	--	--	--	--	--	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	--	--	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	--	--	--	--	--	--	--	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	--	--	--	--	--	--	--	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	--	--	--	--	--	--	--	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	--	--	--	--	--	--	--	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	--	--	--	--	--	--	--	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	--	--	--	--	--	--	--	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	--	--	--	--	--	--	--	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--	--	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	--	--	--	--	--	--	--	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	--	--	--	--	--	--	--	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	--	--	--	--	--	--	--	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	--	--	--	--	--	--	--	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	--	--	--	--	--	--	--	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	--	--	--	--	--	--	--	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Cymene	99-87-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	--	--	--	--	--	--	--	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	--	--	--	--	--	--	--	<0.01
Iodomethane	74-88-4	--	--	mg/kg	--	--	--	--	--	--	--	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	--	--	--	--	--	--	--	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	--	--	--	--	--	--	--	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	--	--	--	--	--	--	--	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	--	--	--	--	--	--	--	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	--	--	--	--	--	--	--	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	--	--	--	--	--	--	--	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	--	--	--	--	--	--	--	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	--	--	--	--	--	--	--	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	--	--	--	--	--	--	--	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	--	--	--	--	--	--	--	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	--	--	--	--	--	--	--	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	--	--	--	--	--	--	--	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-025 20 - 21 11/03/06	HLSF-SB-025 30 - 31 11/03/06	HLSF-SB-025 40 - 41 11/03/06	HLSF-SB-024 10 - 11 11/06/06	HLSF-SB-024 20 - 21 11/06/06	HLSF-SB-024 30 - 31 11/06/06	HLSF-SB-024 40 - 41 11/06/06
Metals											
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	4.71	<2	<2	<2	4.05	<2	<2
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	151	56.9	72	27.2	173	59	56.6
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	13.9	6.98	9.75	2.05	15.1	4.95	7.4
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<5	<5	<5	<5	<5	<5	<5
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	14.2	4.23	5.31	1.63	11.7	4.03	5.73
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	26.9	17.2	12.4	<1	31.8	11.2	13.9
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1	<1	<1	<1	<1	<1	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sodium	7440-23-5	--	--	mg/kg	2,290	980	619	655	1,290	633	1,190
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	45.4	16.6	20.9	3.73	40.2	13.3	21.6
Other											
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	<25	<25	<25	<25	<25	<25	<25
Fractional Organic Carbon	FOC	--	--	%	5.73	2.15	1.89	5.69	4.54	2.2	1.21
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	15.2	27.1	26.3	5.15	3.2	2.5	1.1
Phosphorus	7723-14-0	--	--	mg/kg	262	162	167	34.9	250	154	260
Polychlorinated Biphenyls											
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--	--
Pesticides/Herbicides											
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--	--
Camphchlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
Semivolatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-025 20 - 21 11/03/06	HLSF-SB-025 30 - 31 11/03/06	HLSF-SB-025 40 - 41 11/03/06	HLSF-SB-024 10 - 11 11/06/06	HLSF-SB-024 20 - 21 11/06/06	HLSF-SB-024 30 - 31 11/06/06	HLSF-SB-024 40 - 41 11/06/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.313
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-025 20 - 21 11/03/06	HLSF-SB-025 30 - 31 11/03/06	HLSF-SB-025 40 - 41 11/03/06	HLSF-SB-024 10 - 11 11/06/06	HLSF-SB-024 20 - 21 11/06/06	HLSF-SB-024 30 - 31 11/06/06	HLSF-SB-024 40 - 41 11/06/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.000304	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Phenacetin	62-44-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Total Petroleum Hydrocarbons											
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50	<50	<50	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1	<1	<1	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	92	91	80	87	91	92	83
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-025 20 - 21 11/03/06	HLSF-SB-025 30 - 31 11/03/06	HLSF-SB-025 40 - 41 11/03/06	HLSF-SB-024 10 - 11 11/06/06	HLSF-SB-024 20 - 21 11/06/06	HLSF-SB-024 30 - 31 11/06/06	HLSF-SB-024 40 - 41 11/06/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	--	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-024 49 - 50 11/06/06	HLSF-SB-026 10 - 11 11/06/06	HLSF-SB-026 20 - 21 11/06/06	HLSF-SB-026 30 - 32 11/06/06	HLSF-SB-026 40 - 41 11/06/06	HLSF-SB-026 49 - 50 11/06/06	HLSF-SB-023 10 - 11 11/07/06
Metals											
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<2	<2	<2	<2 [6.59]	<2	<2	<2
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	90.9	22.3	472	101 [300]	121	113	30.7
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	11.9	3.81	8.38	9.15 [11.5]	15.6	8.49	1.54
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<5	<5	<5	<5 [<5]	<5	<5	<5
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	11.6	2.08	6.09	7.31 [11.7]	13.1	9.1	1.16
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	20.9	2.92	20.2	17.8 [22.5]	30.1	20.9	2.21
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04 [<0.04]	<0.04	<0.04	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1	<1	<1	<1 [<1]	<1	<1	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Sodium	7440-23-5	--	--	mg/kg	10,200	980	735	960 [1,170]	7,100	7,590	870
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	39	5.52	17.9	30.5 [36.5]	47.3	30.1	3.88
Other											
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	<25	<25	<25	<25	<25	<25	<25
Fractional Organic Carbon	FOC	--	--	%	4.71	4.9	3.25	2.44 [3.1]	2.97	3.25	3.89
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	12.6	1.15	1.44	1.31 [1.12]	30.7	24.8	5.82
Phosphorus	7723-14-0	--	--	mg/kg	285	84.1	166	328 [278]	310	280	35.5
Polychlorinated Biphenyls											
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--	--
Pesticides/Herbicides											
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--	--
Campechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
Semivolatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.25]	<0.05	<0.05	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.25]	<0.01	<0.01	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.25]	<0.01	<0.01	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25	<0.25	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-024 49 - 50 11/06/06	HLSF-SB-026 10 - 11 11/06/06	HLSF-SB-026 20 - 21 11/06/06	HLSF-SB-026 30 - 32 11/06/06	HLSF-SB-026 40 - 41 11/06/06	HLSF-SB-026 49 - 50 11/06/06	HLSF-SB-023 10 - 11 11/07/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Dibenz(a,i)Acridine	224-42-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-024 49 - 50 11/06/06	HLSF-SB-026 10 - 11 11/06/06	HLSF-SB-026 20 - 21 11/06/06	HLSF-SB-026 30 - 32 11/06/06	HLSF-SB-026 40 - 41 11/06/06	HLSF-SB-026 49 - 50 11/06/06	HLSF-SB-023 10 - 11 11/07/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Fluoranthene	206-44-0	2,290 (NMED ResSoil09)	1,550	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Fluorene	86-73-7	2,290 (NMED ResSoil09)	250	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 (NMED ResSoil09)	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
Hexachlorobenzene	118-74-1	3.04 (NMED ResSoil09)	0.0221	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Hexachlorocyclopentadiene	77-47-4	367 (NMED ResSoil09)	6.13	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Hexachloroethane	67-72-1	61.1 (NMED ResSoil09)	0.193	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 (NMED ResSoil09)	37	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 (NMED ResSoil09)	0.0000304	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Naphthalene	91-20-3	45 (NMED ResSoil09)	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
Nitrobenzene	98-95-3	49.4 (NMED ResSoil09)	0.0686	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 (NMED ResSoil09)	0.000648	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 (NMED ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
N-Nitrosodiphenylamine	86-30-6	993 (NMED ResSoil09)	12.9	mg/kg	--	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
p-Chloroaniline	106-47-8	24 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Pentachlorobenzene	608-93-5	48.9 (NMED ResSoil09)	0.937	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Pentachloronitrobenzene	82-68-8	19 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Pentachlorophenol	87-86-5	29.8 (NMED ResSoil09)	0.294	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Phenacetin	62-44-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Phenanthrene	85-01-8	1,830 (NMED ResSoil09)	834	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Phenol	108-95-2	18,300 (NMED ResSoil09)	63	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
p-Nitroaniline	100-01-6	240 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Propylamide (Kerb)	23950-58-5	4,600 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Pyrene	129-00-0	1,720 (NMED ResSoil09)	1,120	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Pyridine	110-86-1	78 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25	<0.25	<0.25
Total Petroleum Hydrocarbons											
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50 [<u><50</u>]	<50	<50	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1 [<u><1</u>]	<1	<1	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 (EPA ResSoil09)	--	mg/kg	88	90	97	86	90	78	86
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	29.2 (NMED ResSoil09)	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 (NMED ResSoil09)	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1,1,2,2-Tetrachloroethane	79-34-5	7.98 (NMED ResSoil09)	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 (NMED ResSoil09)	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1-Dichloroethane	75-34-3	62.9 (NMED ResSoil09)	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1-Dichloroethylene	75-35-4	618 (NMED ResSoil09)	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 (NMED ResSoil09)	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 (EPA ResSoil09)	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 (NMED ResSoil09)	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 (NMED ResSoil09)	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 (NMED ResSoil09)	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 (NMED ResSoil09)	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 (EPA ResSoil09)	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 (EPA ResSoil09)	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 (NMED ResSoil09)	0.0000817	mg/kg	--	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 (NMED ResSoil09)	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5 [<u><0.5</u>]	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 (NMED ResSoil09)	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 (NMED ResSoil09)	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01 [<u><0.01</u>]	<0.01	<0.01	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-024 49 - 50 11/06/06	HLSF-SB-026 10 - 11 11/06/06	HLSF-SB-026 20 - 21 11/06/06	HLSF-SB-026 30 - 32 11/06/06	HLSF-SB-026 40 - 41 11/06/06	HLSF-SB-026 49 - 50 11/06/06	HLSF-SB-023 10 - 11 11/07/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	--	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2 [<0.2]	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2 [<0.2]	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-023 20 - 21 11/07/06	HLSF-SB-023 30 - 31 11/07/06	HLSF-SB-023 40 - 41 11/07/06	HLSF-SB-023 49 - 50 11/07/06	HLSF-SB-027 10 - 12 11/07/06	HLSF-SB-027 15 - 16 11/07/06
Metals										
Arsenic	7440-38-2	3.9 (NMED ResSoil09)	0.131	mg/kg	<2	<2	<2	5.83	<2 [<u><2</u>]	--
Barium	7440-39-3	15,600 (NMED ResSoil09)	3,010	mg/kg	156	38.2	36.1	85.2	38.7 [47.8]	--
Cadmium	7440-43-9	77.9 (NMED ResSoil09)	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<u><0.1</u>]	--
Chromium	7440-47-3	219 (NMED ResSoil09)	--	mg/kg	14.5	5.31	3.44	13	2.58 [2.93]	--
Chromium (Hexavalent)	Cr6	219 (NMED ResSoil09)	21.1	mg/kg	<5	<5	<5	<5	<5 [<u><5</u>]	--
Copper	7440-50-8	3,130 (NMED ResSoil09)	515	mg/kg	12.7	4.1	3.07	11.6	2.09 [2.49]	--
Lead	7439-92-1	400 (NMED ResSoil09)	--	mg/kg	34.2	10.2	7.48	28.9	4.42 [5.22]	--
Mercury	7439-97-6	7.71 (NMED ResSoil09)	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04 [<u><0.04</u>]	--
Selenium	7782-49-2	391 (NMED ResSoil09)	9.65	mg/kg	<1	<1	<1	<1	<1 [<u><1</u>]	--
Silver	7440-22-4	391 (NMED ResSoil09)	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<u><0.05</u>]	--
Sodium	7440-23-5	--	--	mg/kg	1,290	760	365	2,800	680 [750]	--
Zinc	7440-66-6	23,500 (NMED ResSoil09)	6,820	mg/kg	45.1	18.6	13.4	41.2	6.58 [7.53]	--
Other										
Ethylene Glycol	107-21-1	120,000 (EPA ResSoil09)	--	mg/kg	<25	<25	<25	<25	--	<25
Fractional Organic Carbon	FOC	--	--	%	4.77	1	0.659	3.18	5.35 [4.59]	4.98
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	21.9	14	2.36	24.1	3.16 [2.89]	--
Phosphorus	7723-14-0	--	--	mg/kg	300	150	156	276	64.1 [86]	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 (NMED ResSoil09)	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 (NMED ResSoil09)	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 (NMED ResSoil09)	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 (NMED ResSoil09)	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 (NMED ResSoil09)	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 (NMED ResSoil09)	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 (NMED ResSoil09)	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 (NMED ResSoil09)	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 (NMED ResSoil09)	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 (NMED ResSoil09)	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 (NMED ResSoil09)	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 (NMED ResSoil09)	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 (NMED ResSoil09)	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 (NMED ResSoil09)	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 (NMED ResSoil09)	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 (NMED ResSoil09)	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 (NMED ResSoil09)	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 (NMED ResSoil09)	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 (NMED ResSoil09)	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 (EPA ResSoil09)	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 (NMED ResSoil09)	0.214	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 (NMED ResSoil09)	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<u><0.25</u>]	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 (NMED ResSoil09)	326	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 (NMED ResSoil09)	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<u><0.25</u>]	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 (NMED ResSoil09)	0.0453	mg/kg	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 (NMED ResSoil09)	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<u><0.25</u>]	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25
1-Methylnaphthalene	90-12-0	220 (EPA ResSoil09)	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 (NMED ResSoil09)	71.3	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<u><0.25</u>]	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-023 20 - 21 11/07/06	HLSF-SB-023 30 - 31 11/07/06	HLSF-SB-023 40 - 41 11/07/06	HLSF-SB-023 49 - 50 11/07/06	HLSF-SB-027 10 - 12 11/07/06	HLSF-SB-027 15 - 16 11/07/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.25	<0.25	<0.25	0.594	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<lt;0.25]< td=""><td><0.25</td></lt;0.25]<>	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-023 20 - 21 11/07/06	HLSF-SB-023 30 - 31 11/07/06	HLSF-SB-023 40 - 41 11/07/06	HLSF-SB-023 49 - 50 11/07/06	HLSF-SB-027 10 - 12 11/07/06	HLSF-SB-027 15 - 16 11/07/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.25]	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.25]	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.25]	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Phenacetin	62-44-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]	<0.25
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50	<50 [<50]	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1	<1 [<1]	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	90	94	81	90	--	73
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5 [<0.5]	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-023 20 - 21 11/07/06	HLSF-SB-023 30 - 31 11/07/06	HLSF-SB-023 40 - 41 11/07/06	HLSF-SB-023 49 - 50 11/07/06	HLSF-SB-027 10 - 12 11/07/06	HLSF-SB-027 15 - 16 11/07/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<lt;0.05]< td=""><td><0.05</td></lt;0.05]<>	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<lt;0.1]< td=""><td><0.1</td></lt;0.1]<>	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<lt;0.05]< td=""><td><0.05</td></lt;0.05]<>	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<lt;0.05]< td=""><td><0.05</td></lt;0.05]<>	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<lt;0.05]< td=""><td><0.05</td></lt;0.05]<>	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2 [<lt;0.2]< td=""><td><0.2</td></lt;0.2]<>	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05 [<lt;0.05]< td=""><td><0.05</td></lt;0.05]<>	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2 [<lt;0.2]< td=""><td><0.2</td></lt;0.2]<>	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1 [<lt;0.1]< td=""><td><0.1</td></lt;0.1]<>	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01 [<lt;0.01]< td=""><td><0.01</td></lt;0.01]<>	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-027 20 - 21 11/07/06	HLSF-SB-027 30 - 31 11/07/06	HLSF-SB-027 40 - 41 11/07/06	HLSF-SB-027 49 - 50 11/07/06	HLSF-SB-037 10 - 11 11/14/06	HLSF-SB-037 20 - 21 11/14/06
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<2	4.84	5.25	8.81	<2	<2
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	188	82.6	106	83.1	33	106
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	9.3	10.4	17.1	10.6	3.27	12
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	<5	<5	<5	<5	--	--
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	10.7	8.28	14.4	13.6	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	27.7	23.2	40	29.8	3.52	20
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1	<1	<1	<1	<1	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sodium	7440-23-5	--	--	mg/kg	430	2,000	13,000	10,500	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	25.1	28.4	49.5	41.7	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	<25	<25	<25	<25	--	--
Fractional Organic Carbon	FOC	--	--	%	3.25	2.65	5.03	3.26	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	2.3	15.5	12.9	18.1	--	--
Phosphorus	7723-14-0	--	--	mg/kg	155	164	298	320	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-027 20 - 21 11/07/06	HLSF-SB-027 30 - 31 11/07/06	HLSF-SB-027 40 - 41 11/07/06	HLSF-SB-027 49 - 50 11/07/06	HLSF-SB-037 10 - 11 11/14/06	HLSF-SB-037 20 - 21 11/14/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Methyl Pyridine	109-06-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
3-Methylchloranthrene	56-49-5	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Acenaphthylene	208-96-8	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Diphenylhydrazine	38622-18-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-027 20 - 21 11/07/06	HLSF-SB-027 30 - 31 11/07/06	HLSF-SB-027 40 - 41 11/07/06	HLSF-SB-027 49 - 50 11/07/06	HLSF-SB-037 10 - 11 11/14/06	HLSF-SB-037 20 - 21 11/14/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
m,p-Cresol	1319-77-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.000304	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Phenacetin	62-44-2	--	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	--	--
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50	<50	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1	<1	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	95	91	83	83	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-027 20 - 21 11/07/06	HLSF-SB-027 30 - 31 11/07/06	HLSF-SB-027 40 - 41 11/07/06	HLSF-SB-027 49 - 50 11/07/06	HLSF-SB-037 10 - 11 11/14/06	HLSF-SB-037 20 - 21 11/14/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-037 30 - 31 11/14/06	HLSF-SB-037 40 - 41 11/14/06	HLSF-SB-037 49 - 50 11/14/06	HLSF-SB-038 10 - 11 11/14/06	HLSF-SB-038 20 - 21 11/14/06	HLSF-SB-038 30 - 32 11/14/06
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<2	4.02	7.13	<2	4.52	<2 [3.31]
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	64.8	44.3	29.5	37.9	116	78.2 [63]
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	7.17	5.6	11.3	4.32	11.6	7.55 [8.83]
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	--	--	--	--	--	--
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	11.9	10.6	20.2	3.61	20.6	13.8 [15.6]
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04 [<0.04]
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1	<1	<1	<1	<1	<1 [<1]
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	--
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	--	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	--
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	--	--	--	--	--	--

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2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	--	--	--	--	--	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	--	--	--	--	--	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	--	--	--	--	--	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	--	--	--	--	--	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	--	--	--	--	--	--
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	--	--	--	--	--	--
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25 [<0.25]
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	--	--	--	--	--	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	--	--	--	--	--	--
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	--	--	--	--	--	--
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	--
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--
2-Nitrophenol	88-75-5	--	--	mg/kg	--	--	--	--	--	--
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	--	--	--	--	--	--
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	--	--	--	--	--	--
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	--
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	--	--	--	--	--	--
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	--	--	--	--	--	--
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	--	--	--	--	--	--
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	--
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	--	--	--	--	--	--
Acenaphthylene	208-96-8	--	--	mg/kg	--	--	--	--	--	--
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	--
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	--	--	--	--	--	--
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	--	--	--	--	--	--
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	--	--	--	--	--	--
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	--	--	--	--	--	--
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	--	--	--	--	--	--
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	--	--	--	--	--	--
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	--	--	--	--	--	--
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	--	--	--	--	--	--
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	--	--	--	--	--	--
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	--	--	--	--	--	--
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	--	--	--	--	--	--
Dibenz(a,i)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	--
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	--	--	--	--	--	--
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	--	--	--	--	--	--
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	--	--	--	--	--	--
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	--	--	--	--	--	--
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	--

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Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	--	--	--	--	--	--
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	--	--	--	--	--	--
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	--	--	--	--	--	--
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	--	--	--	--	--	--
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	--	--	--	--	--	--
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	--	--	--	--	--	--
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	--	--	--	--	--	--
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	--
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	--	--	--	--	--	--
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	--	--	--	--	--	--
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	--	--	--	--	--	--
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	--	--	--	--	--	--
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50	<50	<50 [<50]
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1	<1	<1 [<1]
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 [<0.5]
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-037 30 - 31 11/14/06	HLSF-SB-037 40 - 41 11/14/06	HLSF-SB-037 49 - 50 11/14/06	HLSF-SB-038 10 - 11 11/14/06	HLSF-SB-038 20 - 21 11/14/06	HLSF-SB-038 30 - 32 11/14/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2 [<0.2]
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2 [<0.2]
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-039 10 - 11 11/14/06	HLSF-SB-039 20 - 21 11/14/06	HLSF-SB-039 30 - 31 11/14/06	HLSF-SB-039 40 - 41 11/14/06	HLSF-SB-039 49 - 50 11/14/06	HLSF-SB-038 40 - 41 11/15/06
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<2	<2	<2	<2	<2	<2
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	38.4	102	77	27.4	29.1	63.6
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	3.97	8.37	12	4.63	4.99	2.33
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	--	--	--	--	--	--
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--	--	--	--	--	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	4.13	12.8	18.5	10.2	11	11.7
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1	<1	<1	<1	<1	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Sodium	7440-23-5	--	--	mg/kg	--	--	--	--	--	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--	--	--	--	--	--
Other										
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Fractional Organic Carbon	FOC	--	--	%	--	--	--	--	--	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--	--	--	--	--	--
Phosphorus	7723-14-0	--	--	mg/kg	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	--	--	--	--	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	--	--	--	--	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	--	--	--	--	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	--	--	--	--	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	--	--	--	--	--
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	--	--	--	--	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	--	--	--	--	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	--	--	--	--	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	--	--	--	--	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	--	--	--	--	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	--	--	--	--	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	--	--	--	--	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	--	--	--	--	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--	--	--	--	--	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	--	--	--	--	--
Endosulfan I	959-98-8	--	--	mg/kg	--	--	--	--	--	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	--	--	--	--	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	--	--	--	--	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	--	--	--	--	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	--	--	--	--	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Semivolatile Organic Compounds										
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	--	--	--	--	--	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	--	--	--	--	--	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--	--	--	--	--	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	--	--	--	--	--	<0.25
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	--	--	--	--	--	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	--	--	--	--	--	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-039 10 - 11 11/14/06	HLSF-SB-039 20 - 21 11/14/06	HLSF-SB-039 30 - 31 11/14/06	HLSF-SB-039 40 - 41 11/14/06	HLSF-SB-039 49 - 50 11/14/06	HLSF-SB-038 40 - 41 11/15/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	--	--	--	--	--	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	--	--	--	--	--	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	--	--	--	--	--	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	--	--	--	--	--	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	--	--	--	--	--	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	--	--	--	--	--	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	--	--	--	--	--	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	--	--	--	--	--	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	--	--	--	--	--	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	--	--	--	--	--	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	--	--	--	--	--	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	--	--	--	--	--	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	--	--	--	--	--	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	--	--	--	--	--	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	--	--	--	--	--	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	--	--	--	--	--	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	--	--	--	--	--	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	--	--	--	--	--	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	--	--	--	--	--	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	--	--	--	--	--	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	--	--	--	--	--	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
4-Nitrophenol	100-02-7	--	--	mg/kg	--	--	--	--	--	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	--	--	--	--	--	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	--	--	--	--	--	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	--	--	--	--	--	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	--	--	--	--	--	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	--	--	--	--	--	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	--	--	--	--	--	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	--	--	--	--	--	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	--	--	--	--	--	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	--	--	--	--	--	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	--	--	--	--	--	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	--	--	--	--	--	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	--	--	--	--	--	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	--	--	--	--	--	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	--	--	--	--	--	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	--	--	--	--	--	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	--	--	--	--	--	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	--	--	--	--	--	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	--	--	--	--	--	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	--	--	--	--	--	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	--	--	--	--	--	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	--	--	--	--	--	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	--	--	--	--	--	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-039 10 - 11 11/14/06	HLSF-SB-039 20 - 21 11/14/06	HLSF-SB-039 30 - 31 11/14/06	HLSF-SB-039 40 - 41 11/14/06	HLSF-SB-039 49 - 50 11/14/06	HLSF-SB-038 40 - 41 11/15/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	--	--	--	--	--	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	--	--	--	--	--	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	--	--	--	--	--	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	--	--	--	--	--	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	--	--	--	--	--	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	--	--	--	--	--	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	--	--	--	--	--	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	--	--	--	--	--	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.000304	mg/kg	--	--	--	--	--	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	--	--	--	--	--	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	--	--	--	--	--	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	--	--	--	--	--	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--	--	--	--	--	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	--	--	--	--	--	<0.25
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	--	--	--	--	--	<0.25
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	--	--	--	--	--	<0.25
Phenacetin	62-44-2	--	--	mg/kg	--	--	--	--	--	<0.25
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	--	--	--	--	--	<0.25
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	--	--	--	--	--	<0.25
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Propylamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	--	--	--	--	--	<0.25
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	<0.25
Total Petroleum Hydrocarbons										
Diesel Range Organics	DRO	--	--	mg/kg	<50	<50	<50	<50	<50	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1	<1	<1	<1	<1	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--	--	--	--	--	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--
Volatile Organic Compounds										
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--	--	--	--	--	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Table 6-11
Summary of Soil Sample Analytical Results
SWMU 141

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-039 10 - 11 11/14/06	HLSF-SB-039 20 - 21 11/14/06	HLSF-SB-039 30 - 31 11/14/06	HLSF-SB-039 40 - 41 11/14/06	HLSF-SB-039 49 - 50 11/14/06	HLSF-SB-038 40 - 41 11/15/06
4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.000741	mg/kg	--	--	--	--	--	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--	--	--	--	--	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--	--	--	--	--	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--	--	--	--	--	--

Table 6-11
Summary of Soil Sample Analytical Results
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Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-038 49 - 50 11/15/06
Metals					
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	3.61
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	67.1
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<0.1
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	7.22
Chromium (Hexavalent)	Cr6	219 {NMED ResSoil09}	21.1	mg/kg	--
Copper	7440-50-8	3,130 {NMED ResSoil09}	515	mg/kg	--
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	17
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.04
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<1
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<0.05
Sodium	7440-23-5	--	--	mg/kg	--
Zinc	7440-66-6	23,500 {NMED ResSoil09}	6,820	mg/kg	--
Other					
Ethylene Glycol	107-21-1	120,000 {EPA ResSoil09}	--	mg/kg	--
Fractional Organic Carbon	FOC	--	--	%	--
Nitrate + Nitrite	14797-55-8b	--	--	mg/kg	--
Phosphorus	7723-14-0	--	--	mg/kg	--
Polychlorinated Biphenyls					
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--
Pesticides/Herbicides					
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--
4,4-DDD (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD))	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--
4,4-DDE (1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE))	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--
4,4-DDT (1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT))	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--
Alpha-BHC (1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane)	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--
Beta-BHC (1,2,3,4,5,6-Hexachlorocyclohexane)	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--
D-BHC (1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane)	319-86-8	--	--	mg/kg	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--
Endosulfan I	959-98-8	--	--	mg/kg	--
Endosulfan II	33213-65-9	--	--	mg/kg	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--
Semivolatile Organic Compounds					
1,2,4,5-Tetrachlorobenzene	95-94-3	18.3 {NMED ResSoil09}	0.214	mg/kg	<0.25
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.05
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.25
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.01
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.01
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.25
1-Methylnaphthalene	90-12-0	220 {EPA ResSoil09}	--	mg/kg	<0.25
1-Naphthylamine	134-32-7	--	--	mg/kg	<0.25
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
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Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-038 49 - 50 11/15/06
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.25
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.25
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.25
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<0.25
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.25
2,6-Dichlorophenol	87-65-0	--	--	mg/kg	<0.25
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.25
2-Butoxy Ethanol (Ethylene Glycol Mono-n-butyl ether)	111-76-2	31,000 {EPA ResSoil09}	--	mg/kg	<0.25
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.25
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.25
2-Methyl Pyridine	109-06-8	--	--	mg/kg	<0.25
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<0.25
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.25
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.25
2-Naphthylamine	91-59-8	--	--	mg/kg	<0.25
2-Nitroaniline	88-74-4	--	--	mg/kg	<0.25
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.25
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.25
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.25
3-Methylchloranthrene	56-49-5	--	--	mg/kg	<0.25
3-Nitroaniline	99-09-2	--	--	mg/kg	<0.25
4-Aminobiphenyl	92-67-1	--	--	mg/kg	<0.25
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.25
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.25
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.25
4-Dimethylaminoazobenzene	60-11-7	--	--	mg/kg	<0.25
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<0.25
7,12-Dimethylbenz(a)Anthracene	57-97-6	--	--	mg/kg	<0.25
a,a-Dimethylphenethylamine	122-09-8	--	--	mg/kg	<0.25
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.25
Acenaphthylene	208-96-8	--	--	mg/kg	<0.25
Acetophenone	98-86-2	7,820 {NMED ResSoil09}	8.86	mg/kg	<0.25
Aniline	62-53-3	850 {EPA ResSoil09}	--	mg/kg	<0.25
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.25
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<0.25
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.25
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.25
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.25
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.25
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.25
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<0.25
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.25
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.25
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.25
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.25
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.25
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.25
Chlorophenols (2,3,4,6-Tetrachlorophenol)	58-90-2	1,800 {EPA ResSoil09}	--	mg/kg	<0.25
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.25
Dibenz(a,j)Acridine	224-42-0	--	--	mg/kg	<0.25
Dibenzofuran	132-64-9	--	--	mg/kg	<0.25
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.25
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.25
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.25
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.25
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<0.25
Diphenylhydrazine	38622-18-3	--	--	mg/kg	<0.25

Table 6-11
Summary of Soil Sample Analytical Results
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Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HLSF-SB-038 49 - 50 11/15/06
Ethyl Methanesulfonate	62-50-0	--	--	mg/kg	<0.25
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.25
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.25
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.05
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.25
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.25
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.25
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.25
m,p-Cresol	1319-77-3	--	--	mg/kg	<0.25
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.01
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.25
Methyl Methanesulfonate	66-27-3	--	--	mg/kg	<0.25
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.05
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.25
N-Nitrosodi-N-Butylamine	924-16-3	0.726 {NMED ResSoil09}	0.000648	mg/kg	<0.25
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.25
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	--
N-Nitrosopiperidine	100-75-4	--	--	mg/kg	<0.25
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.25
Pentachlorobenzene	608-93-5	48.9 {NMED ResSoil09}	0.937	mg/kg	<0.25
Pentachloronitrobenzene	82-68-8	19 {EPA ResSoil09}	--	mg/kg	<0.25
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<0.25
Phenacetin	62-44-2	--	--	mg/kg	<0.25
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.25
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.25
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<0.25
Propyzamide (Kerb)	23950-58-5	4,600 {EPA ResSoil09}	--	mg/kg	<0.25
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.25
Pyridine	110-86-1	78 {EPA ResSoil09}	--	mg/kg	<0.25
Total Petroleum Hydrocarbons					
Diesel Range Organics	DRO	--	--	mg/kg	<50
Gasoline Range Organics	GRO	--	--	mg/kg	<1
N-Butyl Alcohol (n-Butanol)	71-36-3	6,100 {EPA ResSoil09}	--	mg/kg	--
Petroleum Hydrocarbons	PHC	--	--	mg/kg	--
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--
Volatile Organic Compounds					
1,1,1,2-Tetrachloroethane	630-20-6	29.2 {NMED ResSoil09}	0.0173	mg/kg	<0.01
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.01
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.01
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.01
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.01
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.01
1,1-Dichloropropene	563-58-6	--	--	mg/kg	<0.01
1,2,3-Trichlorobenzene	87-61-6	--	--	mg/kg	<0.05
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.01
1,2,4-Trimethylbenzene	95-63-6	62 {EPA ResSoil09}	--	mg/kg	<0.01
1,2-Dibromo-3-Chloropropane (DBCP)	96-12-8	0.194 {NMED ResSoil09}	0.0000297	mg/kg	<0.05
1,2-Dibromoethane (ethylene dibromide)	106-93-4	0.574 {NMED ResSoil09}	0.000158	mg/kg	<0.01
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.01
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.01
1,3,5-Trimethylbenzene	108-67-8	780 {EPA ResSoil09}	--	mg/kg	<0.01
1,3-Dichloropropane	142-28-9	1,600 {EPA ResSoil09}	0.0111	mg/kg	<0.01
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	--
1,4-Dioxane	123-91-1	442 {NMED ResSoil09}	0.107	mg/kg	<0.5
2,2-Dichloropropane	594-20-7	--	--	mg/kg	<0.01
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.05
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.05
2-Chlorotoluene	95-49-8	1,560 {NMED ResSoil09}	6.24	mg/kg	<0.01

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4-Chlorotoluene	106-43-4	5,500 {EPA ResSoil09}	--	mg/kg	<0.01
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.01
Bromobenzene	108-86-1	300 {EPA ResSoil09}	--	mg/kg	<0.01
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.01
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.05
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.01
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.01
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.01
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.01
Chlorobromomethane	74-97-5	--	--	mg/kg	<0.01
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.01
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.01
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.01
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.01
Cymene	99-87-6	--	--	mg/kg	<0.01
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.01
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.05
Ethanol	64-17-5	--	--	mg/kg	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.01
Iodomethane	74-88-4	--	--	mg/kg	<0.05
Isopropyl Alcohol (Manufacturing-Strong Acid)	67-63-0	--	--	mg/kg	<0.2
Isopropylbenzene (Cumene)	98-82-8	3,210 {NMED ResSoil09}	9.86	mg/kg	<0.01
m,p-Xylene (m-Xylene)	108-38-3	8,290 {NMED ResSoil09}	12.3	mg/kg	<0.01
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.01
Methyl-tert-butyl ether	1634-04-4	862 {NMED ResSoil09}	0.229	mg/kg	<0.01
n-Butylbenzene	104-51-8	--	--	mg/kg	<0.01
n-Propylbenzene	103-65-1	--	--	mg/kg	<0.01
o-Xylene	95-47-6	9,550 {NMED ResSoil09}	12.3	mg/kg	<0.01
sec-Butylbenzene	135-9-88	--	--	mg/kg	<0.01
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.01
Tert-Butyl Alcohol	75-65-0	--	--	mg/kg	<0.2
tert-Butylbenzene	98-06-6	--	--	mg/kg	<0.01
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.01
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.01
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.01
Trans-1,4-Dichlorobutene	110-57-6	--	--	mg/kg	<0.1
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.01
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.01
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	--

Lab Qualifiers	Definition
U	Constituent was not detected at the sample quantitation limit shown.
UJ	Estimated value below detection limit.
Analyte Abbreviation	Full Name
>C10-C28	Diesel Range Organics (>C10-C28) in the carbon 10 (C10) to carbon 28 (C28) range.
Acronym/Note	Description
All data reported before 2009	were collected by others and the data were provided to ARCADIS by White Sands Missile Range.
--	The sample was not tested for this constituent and/or no data were available.
U	Laboratory report flag indicating that the constituent was not detected at the sample quantitation limit shown.
1.7	Yellow highlight indicates that the reported result exceeds the published SSLs. If the result is preceded by "<", the constituent was not detected, but the reported sample quantitation limit exceeds the SSL.
1.9	Italics indicates that the reported result exceeds the NMED DAF 20 screening value. If the result is preceded by "<", constituent was not detected, but the reported sample quantitation limit exceeds the DAF 20 value.
[<0.005]	Brackets indicate that the result shown is from a duplicate field sample.
CAS	Chemical Abstract Service.
DAF 20	NMED Dilution Attenuation Factor from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009. DAF 20 indicates a Dilution Attenuation Factor of 20 was used.
EPA	United States Environmental Protection Agency.
EPA ResSoil09	USEPA Residential Screening Level from <i>USEPA Regional Screening Levels</i> (http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index/htm). 2009.
mg/kg	Milligram per kilogram.
NMED	New Mexico Environment Department.
NMED ResSoil09	NMED Residential Soil Screening Level from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009.
SSL	Soil Screening Level